APPENDIX C

EPA DIVING MEDICAL EXAMINATION

EPA Medical Evaluation National Medical Surveillance Program

Revised July 1997

Employee is to complete the shaded medical history section of this form prior to appointment.

Work Address: (Include BID# If Appropriate)	SHEMP MANAGER:	Health Unit Stamp		
Client SS# Client Name: Provider Name (s):		*Periodicity of exams a. Conducted Annually if: 1. Over age 40 2. Known significant medical problem 3. Hazmat team member 4. Engaged in field or lab activity > 30 days per year 5. Exposure to substance mandating annual medical surveillance b. All other exams conducted every other year		
	DEMOGRAPHIC DATA	5. All other examples every other year		
Name:	Position Title:	Work Phone #:		
SS#	Date of Birth:	Sex:		
Date of Testing:	Supervisor Name:	Supervisor Work Phone #:		
PROVIDERS	PLEASE NOTE CORE EXAM MUST ALW	AYS BE COMPLETED		
PREPLACEMENT/BASELINE CORE EXAM OCCUPATIONAL HEALTH EVALUATION	*PERIODIC EXAM OCCUPATIONAL HEALTH EVALUATION	MEDICAL SURVEILLANCE -SPECIAL PROFILES-		
Required Services: (Check when test performed) DFOH Profile, Blood and Urine Audiometry EKG Spirometry Vision Screening Chest X-Ray - PA General Physical Examination General Medical History If indicated services: (Check when test performed) Stress EKG (per MRO only) Tetanus Immunization	Required Services: (Check when test performed) DFOH Profile, Blood and Urine Vision Screening Audiometry General Physical Examination General Medical History If indicated services: (Check when test performed) EKG (initially, at age 40, every 5 years thereafter) Stress EKG (per MRO only) Tetanus Immunization (every 10 years) Chest X-Ray - PA (initially, when medically indicated, at exit) Spirometry (with respirator certification, when indicated)	Please check all specialty exams that apply and complete the testing as indicated on page 2. Pesticide Laboratory Workers Emergency Response Coordinator and On Scene Coordinator Field Sampling Personnel Clean Air Inspector/Enforcement Officers FIFRA Enforcement Officers Lab Employees NESHAPS/AHERA (Asbestos Enforcement Officers) NPDES Inspectors Radiation Staff Remedial Project Officers TSCA Enforcement Officers U.S.T. Inspectors Wetlands Staff RCRA Enforcement Officers EPA DIVER OTHERS		

SPECIALTY EXAMINATIONS

Pesticide Laboratory Workers	□ Lab Empleyees	THE WORLD A LOSS
Pesticide Laboratory Workers Baseline/Exit Exam Blood Lead Urine Heavy Metals RBC and Serum Cholinesterase Respirator Clearance Periodic Exam RBC Cholinesterase Respirator Clearance Emergency Response and On Scene Coordinators Baseline/Exit Exam RBC and Serum Cholinesterase	□ Lab Employees □ Baseline/Exit Exam □ RBC and Serum Cholinesterase □ Blood Lead □ Scrum PCB □ Respirator Clearance (if on emergency team) □ Urine Heavy Metal □ Periodic Exam □ Blood Lead □ Respirator Clearance (if on emergency team) □ NESHAPS/AHERA (Asbestos Enforcement Officers)	☐ TSCA Enforcement Officers ☐ Baseline/Exit Exam ☐ RBC and Serum Cholinesterase ☐ Blood Lead ☐ Serum PCB ☐ Respirator Clearance ☐ Periodic Exam ☐ Core Component Only ☐ U.S.T. Inspectors ☐ Baseline/Exit Exam ☐ Core Component Only ☐ Periodic Exam
RBC and Serum Chotmesterase Respirator Clearance Blood Lead Periodic Exam Blood Lead Respirator Clearance RBC Cholinesterase	Baseline/Exit Exam B-Reading and Chest X-Ray Respirator Clearance Periodic Exam Chest X-Ray in accordance with OSHA guidelines Respirator Clearance	□ Core Component Only □ Wetlands Staff □ Baseline/Exit Exam □ Periodic Exam □ Core Component Only
Field Sampling Personnel Baseline/Exit Exam Blood Lead RBC and Serum Cholinesterase Respirator Clearance Periodic Exam	NPDES Inspectors Baseline/Exit Exam Core Component Only Periodic Exam Core Component Only	RCRA Enforcement Officers Baseline/Exit Exam RBC and Serum Cholinesterase Respirator Clearance (if on emergency response team) Blood Lead Periodic Exam RBC and Serum Cholinesterase
☐ Blood Lead ☐ Respirator Clearance ☐ Clean Air Inspector/Enforcement Officers ☐ Baseline/Exit Exam ☐ Blood Lead ☐ Periodic Exam	Radiation Staff Baseline/Exit Exam Respirator Clearance (if on emergency response team) or as needed Periodic Exam Respirator Clearance (if on emergency response team) or as needed	Respirator Clearance (if on emergency response team) EPA Diver Baseline/Exit Exam Respirator Clearance Periodic Exam EKG - Annually after age 25
☐ Blood Lead ☐ FIFRA Enforcement Officers ☐ Baseline/Exit Exam ☐ RBC and Serum Cholinesterase ☐ Periodic Exam ☐ RBC Cholinesterase	Remedial Project Officers Baseline/Exit Exam RBC and Serum Cholinesterase Blood Lead Respirator Clearance Periodic Exam Blood Lead Respirator Clearance (if indicated)	Chest X-Ray every 2 yrs after age 40 If diver will be participating in NOAA diving program - completed SF 88 and 93 also attach to this exam. Wrist size measured (measure in inches with cloth tape over "two knobs" above hand). Others Baseline/Exit Exam Core Component Only Periodic Exam Core Component Only

Client Name:

Date:

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MEDICAL HISTORY Have you ever experienced any of the following:				DIAGNO	STIC AND PI	HYSICAL FINDINGS		
VASCULAR Enlarged superficial veins Hardening of the arteries High Blood Pressure Stroke Transient Ischemic Attack (TIA) Aneurysms (Dilated arteries) Poor circulation to hands and feet White fingers with cold/vibration Anemia	Yes No		normal EKG - Atta Lungs/Che	ich with interpreta st (includes breast I, murmur) (Attach Copy)		CHEST X-RAY Last PA Chest X-ray: Date Result: Normal Abno Comments: <u>VITAL SIGNS</u>	rmal	
RESPIRATORY Asthma(incl. exercise induced asthma) Bronchitis Emphysema	Yes No	%Predicted FVC	% Predicted FEV1	% Predicted FEV1/FVC	% Predicted FEF 25-75	Height Weight Blood Pressure mm/hg Pu		/MIN
Acute or chronic lung infections Wind pipe or lung surgery Collapsed lung Scoliosis (curved spine) with breathing limitations History of Tuberculosis		Comments: Fi	during test: Star	nding		Respirations /MIN Temp(if is IMMUNIZATIONS Tetanus (Td) Date:		
HEART Heart pain (Angina) Heart rhythm disturbance History of Heart Attack Organic heart disease (including: prosthetic heart valves, mitral stenosis, heart block, pacemakers, Wolf Parkinson White (WPW) Syndrome) Heart surgery Mitral Valve Prolapse Palpitations (Irregular heart beat) Sudden loss of consciousness	Yes No	CARDIAC RI Chol_ HDL_ LDL_ Trig_ Gluc_				CORONARY RISK FACTOR Blood Pressure ≥ 145/90 Fasting Glucose ≥ 120 mg/dl Total Cholesterol ≥ 200 mg/dl Family history of CVD in members ≤ 55 Obesity No regular exercise program Currently smoking or ≥ pack/yr history	Yes	No □ □ □ □
Physical Activity or Exercise Program(check one) Intensity: Low Moderate High_ Activity Frequency Days per v Duration Minutes	weeks	Have you been If yes, please d	hospitalized or ha	d surgery in the la	ast 2 years.		Yes	No

Date:

Client Name:

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MEDIC	U.S. EPA DIVER QUESTIONS		
WELLNESS/HEALTH PROFILE Smoking History This information is needed since smoking increases your risk for lung cancer and several other types of cancer, chronic bronchitis, emphysema, asbestos related lung diseases, coronary heart disease, high blood pressure, and stroke. Please check your smoking status and complete that section: Never Smoked Current Smoker Number of cigarettes per day Number of cigars per day Number of pipe bowls per day Total years you have smoked Former Smoker Number of cigarettes per day Number of cigars per day Number of cigars per day Number of cigars per day Number of pipe bowls per day Total years you smoked Chronic exposure to environmental tobacco smoke Alcohol/Drug Use What is your average alcohol consumption in a week? drinks I drink = 12 0z. beer, I glass wine or 1.5 oz liquor) How often do you drink alcohol? Weekdays Weekends Both Do you use recreational drugs? Currently Previously Never	RESPIRATOR CLEARANCE QUESTIONS My position does not require the use of a respirator (if referred de not complete this black) My position may require the use of a respirator (if referred complete this black) My position may require the use of a respirator (if referred complete this black) What type of respirator do/will you use: Cartridge	List Type or Types of Breathing apparatus/regulators used while diving: Level of Work Effort (Circle one): Light Moderate Heavy Strenuous Extent of Usage: 1. On a daily basis 2. Occasionally - but more than once a week 3. Rarely - or for emergency situations only Length of time of Anticipated Effort in Hours: Special Work Considerations (i.e., extra cold water, polluted water, deep diving, etc DIVING HISTORY How many dives (wet) do you perform per year (on average) How many chamber dives per year? How deep do you dive, on average? Do you perform moderate or heavy physical labor at depth? Never	
ENDOCRINE Yes No Diabetes (insulin requiring) Diabetes (non-insulin requiring) Childhood Onset Diabetes Thyroid Disease Obesity Unexplained weight loss or gain	OBSTETRIC Yes No Are you currently pregnant?	Have you ever been restricted in your diving duties due to a medical condition? Explain: Have you ever required hyperbaric oxygen therapy? Explain:	
MENTAL HEALTH Yes No Depression History of psychosis Poor adaptation to stress Anxiety or phobia disorder Paule attacks, hyperventilation Uncontrollable rage Claustrophobia Diagnosed personality disorder or neuroses	DERMATOLOGY Sun sensitivity Allergic dermatitis to rubber History of chronic dermatitis Active skin disease Moles that change in size or color	Medications: List all medications (prescription and over-the-counter) you are currently taking. Allergies:	

MEDICAL HISTORY DIAGNOSTIC AND PHYSICAL FINDINGS		
MUSCULOSKELETAL Yes No Moderate to severe arthritis, tendonitis Amputations Loss of use of arm or leg Aseptic bone necrosis Chronic back pain (back pain associated with neurological deficit	Normal Abnormal Upper extremities (strength) Upper extremities (range of motion) Lower extremities (strength) Lower extremities (range of motion)	Comments/Findings:
NEUROLOGICAL Yes No Any neurological disease Scizures Spinal Cord Injury Numbness or tingling Head/spine surgery History of head trauma with persistent deficits Chronic recurring headaches (migraine) Brain tumor Loss of memory Insomnia (difficulty sleeping)	Normal Abnormal Cranial Nerves Cerebellum Motor/Sensory Deep Tendon reflexes Mental Status Exam	Comments/Findings
GASTROINTESTINAL Yes No Esophageal diverticula Severe reflux Hiatal hemia Gas bloat syndrome Gastric outlet obstruction Ileostomy obstruction Diverticulitis Hernias Fistulae Colostomy Hepatitis Active ulcer disease Irritable bowel syndrome Rectal bleeding Vomiting blood	Normal Abnormal Auscultation Palpation Organo-megaly Tendemess Inguinal hernia	Comments/Findings
GENITOURINARY Yes No	Normal Abnormal Urogenital exam	Comments/Findings
Blood in urine		

Client Name:	Date:

MEDICAL HISTORY	Contract Contract	DIAGNOSTIC AND PHYSICAL FINDINGS					
VISION		Hend and Neck	Vision				
Frequent headaches Blurred vision Difficulty reading Eye disease Eyeglasses Contact lenses Radial Keratotomy Cataracts Color blindness	Yes No	Normal Abnormal Head, Face, Neck (thyroid), Scalp Nose/Sinuses Mouth/Throat Pupils equal/reactive Cocular Motility Ophthalmoscopic Findings Comments/Findings	Type of test Ishihara plate Function test Other (specif	or vision	(Snellen Units) Left Nr	20/	
HEARING		Ears					
Loud, constant noise or music in the last 14 hours Loud, impact noise in past 14 hours Ringing in the ears Difficulty hearing Ear infections or cold in the last 2 weeks Dizziness or balance problems Are you in a Hearing Conservation Program Do you use protective hearing equipment If yes, type: foam pre-mold/plugs ear muffi	Yes No	Left Normal Abnormal Canal/External car Tympanic Membrane Comments/Findings:		Abnormal Canal/External ear Tympanic Membran	e		
Have you had prior Military Service Have you had prior ear surgery Have you had an ear drum rupture Have you had recurrent ear infections Do you wear a hearing aid	Yes No	Hearing Audiogram: Baseline Annual To Calibration Method: Oscar Biological Date_	ermination (Attach current	and baseline audiogram)		
		Frequency 500Hz Right car	1000Hz 2000Hz	3000Hz 4000Hz	6000Hz	8000Hz	
		Ngm va					
		Left ear					
		Review/compare with baseline: Change No change	• 🗆				

Date:

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Client Name:

Occupational History
Agency - U.S. EPA Div./Br./Sec. Duration of employment with agency Percent of Time in the Field/Lab Description of Duties: Exposures (i.e., dusts, fumes, vapors, gases, chemicals, radiation, noise, vibration, repetitive movements, temp. extremes)

Adverse Health Effects Possibly Related to Job

Other Work Performed (moonlighting, hobbies, other positions))	Any other exposures to hazardous material? Yes No If yes, explain
Occupational History	How long have you been doing this type of work? Have you ever been off work more than a day because of work-related illness or injury? If "yes", specify Have you ever changed jobs or duties due to health problems? If "yes", specify If this is your first EPA medical surveillance exam, list any previous jobs with associated hazards, starting with the one before your current position: Agency/Company Dates of Employment Job Duties Specific Hazards
Functional Activities (current position) LEVEL A - SCBA, FULLY ENCAPSULATED SUIT, CHEMECAL RESISTANT GLOVES AND BOOTS. LEVEL B - SCBA, CHEMICAL RESISTANT CLOTHING,	Heavy lifting/carrying (40 lbs or more) Walkinghours/day
CHEMICAL RESISTANT GLOVES AND BOOTS LEVEL C - AIR PURIFYING RESPIRATOR, CHEMICAL RESISTANT CLOTHING. LEVEL D - COVERALLS, SAFETY BOOTS, GOGGLES	Use of Level A Personal Protective Equipment Extent of Usage: Daily Weekly Monthly Rarely Use of Level B Personal Protective Equipment Extent of Usage: Daily Weekly Monthly Rarely Use of Level C Personal Protective Equipment Extent of Usage: Daily Weekly Monthly Rarely Additional activities/comments:
Environmental Factors (last two years)	Fieldwork / Approximate number of days per year: Labwork / Approximate number of days per year: Biological agents Hot Temperatures Dust Fumes, smoke, gases Radiation Excessive Noise Confined Space Entry Cold temperatures Additional Factors/comments:

Exposure History (current position)

Describe your work experience at major EPA work sites (up to six) during the past year.

SITE	DATE	SPECIFIC CHEMICAL AND PHYSICAL FACTORS	*EXPOSURE LEVEL	LEVEL OF PPE	SYMPTOMS FROM EXPOSURE	JOB DUTIES
1.						
					CONTRACTOR OF THE PARTY OF THE	
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1.						
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					The Participant	
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*Exposure Levels Frequency of exposure (no.# of days) Duration of exposure (hours per day)

Client Name: ______ Date: _____

Professional Staff Please check all the topics you discussed during the diagnostic work-up or physical examination	EXAMINING PHYSICIAN	Summary of Abnormal Findings with Plan of Action
Diet Low-calorie Low-fat Low-salt Cholesterol Hypertension Exercise Obesity Smoking Cessation	Is workplace monitoring data or other exposure data for this employee or this position available for review? Yes No If yes, what type of data is available? Acute Exposure Data Workplace Monitoring Data Individual Dosimetry Data Periodic Exposure Data Workplace Monitoring Data Individual Dosimetry Data MSDS	
Respirator Use	How was data made available?	
Avoid Sun Exposure/Sun Screen Alcohol Use Cancer Screening Immunizations Hearing Protection	How was data made available? Electronic Database Hard Copy Report Employee Self-Report If yes, please explain what changes, if any were made in the examination due to this data:	EXAMINING PHYSICIAN TO COMPLETE: The employee has been medically examined by me under the provisions of the EPA National Surveillance program and has been advised of the examination findings. is fully capable of participating in all job functions. is medically cleared for unrestricted respirator use is medically cleared for use of all other suitable protective equipment. (chemically resistant clothing, faceshield, glasses, glove carmuffs/plugs)
□ Vision Referral □ Other Personal Protective Equipment □ Job Stressors □ Referral(s) Others	Based upon your knowledge of the physical demands of the position and/or the potential exposure to occupational hazards, please answer the following: Does the employee need to continue in a medical surveillance program? Yes No Cannot determine based on information available Other	If any of the above have not been selected please explain why, in detail, below: Note: Please do not provide any official statement (oral or written) concerning the employee fitness. The Medical Review Officer will provide a written opinion to the agency.
have had the examination findings explained to me and received a	ATURES a copy of the examination if requested. I understand the medical recommendation	DATE s.
Client		***
Nurse		A THE SECTION OF THE
Physician		
nt Name:	Date:	Page 9 o

ENVIRONMENTAL PROTECTION AGENCY PHYSICAL EVALUATION FORM - EPA NATIONAL PROGRAM

TY	PE OF EXAMINATION
11	PREPLACEMENT/BASELINE
11	PERIODIC
11	TERMINATION/EXIT

Results of Medical Monitoring Examination for: Name of Client: Health Center Address: Region /Facility designator SHEMP MANAGER: Supervisor Name: Phone: Health Center Phone: Medical Clearance Statement The above named EPA employee has been medically examined under the provisions of the EPA National Medical Monitoring Program, and has been advised of the examination findings. I have reviewed the employee medical history, physical examination findings and diagnostic tests. In my opinion this employee: is medically qualified to participate in the essential functions of this position and wear all suitable respiratory protective equipment. (Level A, B, C, D), is medically qualified to wear only the indicated respiratory equipment: PAPR respirator Negative pressure respirator SCBA - type respirator Air-line respirator is medically qualified to participate in the essential functions of this position, but is not medically qualified to wear respiratory protective equipment. (Level D only) is medically qualified to participate in EPA office and or laboratory activities, but not field activities. reported no need to use respiratory protective equipment for this position. is qualified to participate in EPA field/laboratory activities with the following restrictions: a medical recommendation can not be made at this time. Further medical evaluation, as described below, is needed: is not medically qualified at this time for this position. is medically qualified for all EPA Diving related duties and use of breathing apparatus. The following occupationally-related medical findings were noted during this evaluation: My recommendations, if any, include: Reviewing Physician's Signature: Date Reviewing Physician's Name: (print/type)_